



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : R. KROEPKE et al.

**Confirmation No. 2787**

Group Art Unit: 1751

Appl. No : 10/576,955

(National Stage of PCT/ EP04/052635)

I. A. Filed : 22 October 2004

Examiner: not yet assigned

For : INSECT REPELLENT TEXTILE

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. § 1.56 and 37 C.F.R. §§ 1.97-1.98, Applicants hereby direct the Examiner's attention to the following documents cited in the International Search Report for International Application PCT/EP2004/052635 of which the above-referenced application is the U.S. National Stage Application:

(1) WO03/039492 A, May 15, 2003;

(2) U.S. Patent Application Publication No. 2005/0002994 (GOPPEL et al.), January 6, 2005;

Applicants note that this document is a family member of document (1);

(3) EP 1 275 371 A1, January 15, 2003; Applicants note that this document is also cited in the German Search Report for German Patent Application 103 49 665.3 of which the above referenced application claims priority; this document is categorized in the German Search Report as X document, i.e., casting doubt on novelty or non-obviousness by itself. The following passages of this

document are indicated as relevant: Column 4, lines 30-43, Column 39, Paragraph 0244, Example 1, Phase 1-N;

(4) U.S. Patent Application Publication No. 2005/0048856 A1 (HAUSER et al.), March 3, 2005; Applicants note that this document is a family member of document (3);

(5) WO 01/34213 A1, May 17, 2001; Applicants note that this document is also cited in the German Search Report for German Patent Application 103 49 665.3 of which the above referenced application claims priority; this document is categorized in the German Search Report as Y document, i.e., casting doubt on non-obviousness in combination with other documents; The following passages of this document are indicated as relevant: Page 5, lines 6-10, Examples 2 and 5, page 50, lines 11-12; and

(6) DE 102 00 731 A1, July 24, 2003; accompanied by an English language Abstract (provided by esp@cenet); this document is also cited and discussed in the present application, beginning at page 6, line 25.

Applicants further direct the Examiner's attention to the following additional documents cited in the German Search Report for German Patent Application 103 49 665.3 of which the above referenced application claims priority:

(7) DE 22 46 433 A, April 11, 1974; this document is categorized in the German Search Report as X document, i.e., casting doubt on novelty or non-obviousness by itself. The following passages of this document are indicated as relevant: page 12, lower section – page 13, top section;

(8) U.S. Patent No. 4,127,672 (KLIER et al.), November 28, 1978; Applicants note that this document is a family member of document (7);

(9) U.S. Patent Application Publication No. 2002/0039593 (TUCCI et al.), April 4, 2002; this

document is categorized in the German Search Report as Y document, i.e., casting doubt on non-obviousness in combination with other documents. The following passage of this document is indicated as relevant: page 1, paragraph 0015;

(10) U.S. Patent No. 5,631,072 (SAMSON et al.), May 20, 1997; this document is categorized in the German Search Report as Y document, i.e., casting doubt on non-obviousness in combination with other documents. The following passage of this document is indicated as relevant: Column 2, lines 34-67;

(11) WO 98/18 891 A1, May 7, 1998; this document is categorized in the German Search Report as A document, i.e., as technological background. The following passage of this document is indicated as relevant: Claim 1;

(12) F. Marchio: "Insect repellent 3535. In: SOFW-Journal, 1996, Vol. 122, No.7, pp. 478-485; this document is categorized in the German Search Report as Y document, i.e., casting doubt on non-obviousness in combination with other documents. The following passage of this document is indicated as relevant: page 483, fourth study, right column, figure 11; and

(13) M.S. Fradin et al.: "Comparative Efficacy of Insect Repellents Against Mosquito Bites." N. Engl. J. Med., 2002, Vol. 347, No. 1, pp. 13-18; this document is categorized in the German Search Report as Y document, i.e., casting doubt on non-obviousness in combination with other documents. The following passage of this document is indicated as relevant: table 1, last three entries;

Furthermore, Applicants direct the Examiner's attention to the following documents which are cited and discussed in the present application:

(14) U.S. Patent No. 4,904,524 (YOH), February 27, 1990; this document is discussed in the present application beginning at page 7, line 3;

(15) WO 89/03639 A1, May 5, 1989; this document is discussed in the present application beginning at page 7, line 7;

(16) JP 7-003243 A, January 6, 1995; accompanied by an English language Abstract (provided by Patent Abstracts of Japan); this document is discussed in the present application beginning at page 7, line 10;

(17) JP 1-006199 A; October 1, 1989; accompanied by an English language Abstract (provided by Patent Abstracts of Japan); this document is discussed in the present application with reference to JP64-6199, beginning at page 7, line 13;

(18) JP 11-042726 A, February 16, 1999; accompanied by an English language Abstract (provided by Patent Abstracts of Japan); this document is discussed in the present application beginning at page 7, line 17;

(19) DE 28 31 275 A1, January 31, 1980; this document is discussed in the present application beginning at page 7, line 18; and

(20) WO 92/20690 A1, November 26, 1992; this document is discussed in the present application beginning at page 50, line 15;

(21) U.S. Patent No. 5,403,944 (FRATER et al.), April 4, 1995; Applicants note that this document is a family member of document (20);

(22) P. Finkel et al.: "Repellents zur dermalen Anwendung". Apoth. Journal 7/86, pp.32-37; this document is discussed in the present application at page 3, 2<sup>nd</sup> paragraph.

Copies of the above-listed documents (with the exception of U.S. patents and published U.S. Patent Applications), the Written Opinion of the International Searching Authority (in English) for International Application PCT/EP2004/052635 and the German Search Report for German Patent

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Application 103 49 665.3 are enclosed together with a completed copy of the Form PTO-1449 listing these documents. A copy of the International Search Report for International Application PCT/EP2004/052635 was enclosed with the papers when entering the National Stage on April 24, 2006. Accordingly, the Examiner is requested to consider these documents and to indicate such consideration by returning a signed and initialed copy of the Form PTO-1449 with the next official communication.

Further to the U.S. Patent and Trademark Office's decision to partially waive the requirement under 37 C.F.R. § 1.98 (a)(2)(i) and (iii), copies of the U.S. patents and published U.S. Patent Applications cited above are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

If there should be any questions, the Examiner is respectfully invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,  
R. KROEPKE et al.



Neil F. Greenblum  
Reg. No. 28,394

*Heribert F. Muensterer*  
Reg. No. 50,417

December 11, 2006  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P29860Application No.  
10/576,955INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Rainer KROEPKE et al.Filing Date  
I.A. Filed October 22, 2004Group  
1751

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OTPE	1483	2005 / 0 0 0 2 9 9 4	01/06/05	GOPPEL et al.			
DEC 13 2006	1483	2005 / 0 0 4 8 8 5 6	03/03/05	HAUSER et al.			
		4 1 2 7 6 7 2	11/28/78	KLIER et al.			
		2002 / 0 0 3 9 5 9 3	04/04/02	TUCCI et al.			
		5 6 3 1 0 7 2	05/20/97	SAMSON et al.			
		4 9 0 4 5 2 4	02/27/90	YOH			
		5 4 0 3 9 4 4	04/04/95	FRATER et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	0 3	/ 0 3 9 4 9 2	05/15/03	W.I.P.O.			
		1 2 7 5 3 7 1	01/15/03	E.P.O.			
	0	1 / 3 4 2 1 3	05/17/01	W.I.P.O.			
	1	0 2 0 0 7 3 1	07/24/03	GERMANY			
		2 2 4 6 4 3 3	04/11/74	GERMANY			
	9	8 / 1 8 8 9 1	05/07/98	W.I.P.O.			
	8	9 / 0 3 6 3 9	05/05/89	W.I.P.O.			
	7	- 0 0 3 2 4 3	01/06/95	JAPAN			
	1	- 0 0 6 1 9 9	10/01/89	JAPAN			
	1 1	- 0 4 2 7 2 6	02/16/99	JAPAN			
		2 8 3 1 2 7 5	01/31/80	GERMANY			
	9	2 / 2 0 6 9 0	11/26/92	W.I.P.O.			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract of DE 102 00 731.
2	English Language Abstract of JP 7-003243.
3	English Language Abstract of JP 1-006199.
4	English Language Abstract of JP 11-042726.
5	F. Marchio: "Insect repellent 3535. In: SOFW-Journal, 1996, Vol. 122, No.7, pp. 478-485.
6	M.S. Fradin et al.: "Comparative Efficacy of Insect Repellents Against Mosquito Bites." N. Engl. J. Med., 2002, Vol.347, No.1, pp.13-18.
7	P. Finkel et al.: "Repellents zur dermalen Anwendung". Apoth. Journal 7/86, pp.32-37.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.